



Scheme of Assessment 2024 [Secondary Four & Five]

Secondary Four Express & Five Normal (Academic) Non-Weighted Assessment

Subject	Term	Week	Type of Assessment [Class Test/ Project/ Investigation]	Topics
Mathematics	1	6/7	Class Test	<ul style="list-style-type: none"> • (Sec 3) Chapter 7/8: Trigonometry • (Sec 3) Chapter 10: Circle Properties • (Sec 4) Chapter 1: Set language and Notation
	2	3	Class Test	<ul style="list-style-type: none"> • (Sec 3) Chapter 3: Indices • (Sec 3) Chapter 9: Arc Lengths, Area of Sectors and Radian Measure • (Sec 4) Chapter 2: Data Analysis
Physics	1	8	Class Test	<ul style="list-style-type: none"> • Chapter 2: Kinematics • Chapter 14: Light • Chapter 15: Static Electricity • Chapter 16: Current Electricity • Chapter 17: DC Circuit
	2	6	Class Test	<ul style="list-style-type: none"> • Chapter 3: Dynamics I • Chapter 4: Dynamics II • Chapter 18: Practical electricity • Chapter 19: Magnetism • Chapter 20: Electromagnetism
Chemistry	1	8	Class Test	<ul style="list-style-type: none"> • Chapter 4: Chemical Bonding • Chapter 5: Structure and Properties of Materials • Chapter 13: Electrochemistry • Chapter 14: The Periodic Table • Chapter 16: Chemical energetics
	2	6	Class Test	<ul style="list-style-type: none"> • Chapter 7: Mole Concept and Stoichiometry • Chapter 10: Ammonia • Chapter 17: Rate of Reactions • Chapter 22: Maintaining Air Quality
Sci(Chem)	1	8	Class Test	<ul style="list-style-type: none"> • Chapter 8 & 9: Chemical Calculations • Chapter 10: Redox reactions • Chapter 13: Chemical energetics
	2	6	Class Test	<ul style="list-style-type: none"> • Chapter 9: Qualitative analysis • Chapter 14: Speed of reaction • Chapter 15: Fuels and Crude Oil

Sci(Chem) [5 Normal Academic]	1	8	Class Test	<ul style="list-style-type: none"> ● Chapter 8 & 9: Chemical calculations ● Chapter 12: Redox reactions
	2	6	Class Test	<ul style="list-style-type: none"> ● Chapter 11.3: Qualitative analysis ● Chapter 15: Energy changes ● Chapter 16: Speed of reaction
Sci(Phy)	1	8	Class Test	<ul style="list-style-type: none"> ● Chapter 9: General Wave Properties I ● Chapter 10: General Wave Properties II ● Chapter 11: Electromagnetic waves ● Graph plotting
	2	6	Class Test	<ul style="list-style-type: none"> ● Chapter 13: Electric Charge and Current of Electricity ● Chapter 14: D.C. Circuits ● Chapter 2: Kinematics (Sec 3 topic)
Sci(Phy) [5 Normal Academic]	1	8	Class Test	<ul style="list-style-type: none"> ● Scalars and Vectors ● Light - Reflection ● Graph plotting ● General Wave Properties (sec 4 topic) ● Electromagnetic Waves (sec 4 topic)
	2	6	Class Test	<ul style="list-style-type: none"> ● Light - Refraction and Total Internal Reflection ● Light - Lenses ● Static Electricity ● Sound (sec 4 topic)
Social Studies [4 Express]	1	6/7	Class Test	<ul style="list-style-type: none"> ● Chapter 1: What does citizenship mean to me? ● Chapter 2: What are the functions and roles of government in working for the good of society?
	2	4	Class Test	Chapter 3: How do we decide what is good for society?
Social Studies [5 Normal Academic]	1	6/7	Class Test	<ul style="list-style-type: none"> ● Chapter 1: What does it mean for me to be a citizen of my country? ● Chapter 2: How do we decide on what is good for society? ● Chapter 3: How can we work for the good of society?
	2	4	Class Test	<ul style="list-style-type: none"> ● Chapter 8: What does it mean to live in a globalised world? ● Chapter 9: How do we respond to tensions arising from some economic impacts of globalisation? ● Chapter 10: How do we respond to tensions arising from some cultural impacts of globalisation?
Geography Elective	1	8	Class Test	<ul style="list-style-type: none"> ● GEL Topic 2: Sustainable Development ● GEL Topic 3: Geographical Methods
	2	5	Class Test	<ul style="list-style-type: none"> ● GEL Topic 3: Geographical Methods ● Tourism 1: Tourism Activity

History Elective [4 Express]	1	8	Class Test	<ul style="list-style-type: none"> Chapter 6: The End of WWII in Europe & Asia Pacific
	2	5	Class Test	<ul style="list-style-type: none"> Chapter 7: Origins & Development of the Cold War in Europe Chapter 8: Case Study of The Korean War
History Elective [5 Normal Academic]	1	8	Class Test	Chapter 3: Cuban Missile Crisis
	2	5	Class Test	<ul style="list-style-type: none"> Chapter 2: The Korean War Chapter 4: End of Cold War
Design & Technology	1	6/7	Class Test	<ul style="list-style-type: none"> Electronics: components, sensors and transistor circuits Mechanism: Levers; Cam and follower; Gears; Rack and pinion; Springs; Ratchet and pawl
Additional Mathematics	1	6/7	Class Test	<ul style="list-style-type: none"> Chapter 12: Differentiation Chapter 13.1-13.2: Tangents, Normals, Increasing & Decreasing Functions
	2	5	Class Test	<ul style="list-style-type: none"> Chapter 13.3-13.4: Rate of change, connected rate of change Chapter 14: Maxima and Minima Chapter 15: Differentiation of Trigonometric, Exponential and Logarithmic Functions
Principles of Accounts	1	6/7	Class Test	<ul style="list-style-type: none"> Chapter 10 Trade Receivables (10.3 - 10.5) Chapter 11 Non-Current Assets (11.3 - 11.4)
	2	4	Class Test	Financial Statements on Chapter 6 - Chapter 12

Secondary Four Normal Academic Non-Weighted Assessment

Subject	Term	Week	Type of Assessment [Class Test/ Project/ Investigation]	Topics
Mathematics	1	6/7	Class Test	<ul style="list-style-type: none"> ● Sec 2 Pythagoras Theorem ● Sec 3 Trigonometry ● Chapter 1: Applications Of Trigonometry (1.1 & 1.2 only)
	2	3	Class Test	<ul style="list-style-type: none"> ● Chapter 2: Arc Lengths, Sector Areas and Radian Measure ● Sec 1 Data Handling ● Sec 2 Mean, Median and Mode
Sci(Chem)	1	8	Class test	<ul style="list-style-type: none"> ● Chapter 3: Atomic structure ● Chapter 4: Chemical bonding ● Chapter 11: Periodic Table
	2	6	Class test	<ul style="list-style-type: none"> ● Chapter 15: Fuels and crude oil ● Chapter 16: Hydrocarbons ● Chapter 18: Polymers
Sci(Phy)	1	8	Class Test	<ul style="list-style-type: none"> ● Chapter 2: Kinematics (Sec 3 Topic) ● Chapter 9: General Properties of Waves I ● Chapter 11: Electromagnetic Waves
	2	6	Class Test	<ul style="list-style-type: none"> ● Chapter 3: Force and Pressure (Sec 3 Topic) ● Chapter 13: Electric Charge and Current of Electricity ● Chapter 14: D.C. Circuits (Partial)
Social Studies	1	6/7	Class Test	<ul style="list-style-type: none"> ● Chapter 1: What does citizenship mean to me? ● Chapter 2: What are the functions and roles of government in working for the good of society?
	2	4	Class Test	Chapter 3: How do we decide what is good for society?
Geography Elective	1	8	Class Test	<ul style="list-style-type: none"> ● GEL Topic 1.1: Tourism System ● GEL Topic 1.2: Reasons that led to the growth of Tourism
	2	5	Class Test	<ul style="list-style-type: none"> ● GEL Topic 1: Tourism Activity ● GEL Topic 2: Sustainable Development
History Elective	1	8	Class Test	Chapter 4: The Outbreak of WWII in Europe
	2	5	Class Test	<ul style="list-style-type: none"> ● Chapter 6: The End of WWII in Europe & Asia Pacific ● Chapter 7: Origins & Development of the Cold War in Europe

Nutrition & Food Science	1	6/7	Class Test	<ul style="list-style-type: none"> • Chapter 2: Carbohydrates • Chapter 3: Fats • Chapter 15: Cereals
Design & Technology	1	6/7	Class Test	<ul style="list-style-type: none"> • Electronics: components, sensors and transistor circuits • Mechanism: Levers; Cam and follower; Gears; Rack and pinion; Springs; Ratchet and pawl
Additional Mathematics (O-level)	1	6/7	Class Test	<ul style="list-style-type: none"> • Chapter 12: Differentiation • Chapter 13.1-13.2: Tangents, Normals, Increasing & Decreasing Functions
	2	5	Class Test	<ul style="list-style-type: none"> • Chapter 13.3-13.4: Rate of change, connected rate of change • Chapter 14: Maxima and Minima • Chapter 15: Differentiation of Trigonometric, Exponential and Logarithmic Functions
Principles of Accounts	1	6/7	Class Test 1	Chapter 10 Trade Receivables (10.3 - 10.5)
	2	4	Class Test 2	Financial Statements on Chapter 6 - Chapter 12

Secondary Four Normal (Technical) Non-Weighted Assessment

Subject	Term	Week	Type of Assessment [Class Test/ Project/ Investigation]	Topics
Mathematics	1	6/7	Class Test	<ul style="list-style-type: none"> Chapter 1: Fractional Equations Chapter 2.1: Graphs of Quadratic Functions
	2	3	Class Test	<ul style="list-style-type: none"> Chapter 1: Fractional Equations Chapter 3: Quadratic Equations
Science	1	8	Class Test	<ul style="list-style-type: none"> Food Safety Staying Healthy
	2	6	Class Test	<ul style="list-style-type: none"> Digestion Breathing
Computer Applications	1	8	Class Test	<p><i>Computer Fundamentals (CPF 1 to 5)</i></p> <ul style="list-style-type: none"> Computer System Specifications & Storage Computer Networks Security and Privacy in Networks Hardware, software & Internet Applications Input, process and output operations and devices Spreadsheets (SST) Formatting Charts Functions and formula in SST <p><i>Document Processing (DOP 1 to DOP 5)</i></p> <ul style="list-style-type: none"> Formatting Mail Merge Breaks Inserting Shapes and picture in a Document
	2	5	Practical Test	<p><i>Spreadsheets (MS Excel)</i></p> <ul style="list-style-type: none"> Vlookup function Filtering Data Data Validation Formatting Chart
Design & Technology	1	6/7	Class Test	<ul style="list-style-type: none"> Electronics: components, sensors and transistor circuits Mechanism: Levers; Cam and follower; Gears; Rack and pinion; Springs; Ratchet and pawl
Retail Operations	1	6/7	Class Test	<ul style="list-style-type: none"> Maintain a professional image Identify a professional image Selling products and services Pitching Sales